EXHIBIT 12

Steven Rhodes and Martin McIntyre Deposition Excerpts

- Rhodes Dep. 24-25, Mar. 29, 2011 & Ex. 3; and
- McIntrye Dep. 38–39, 78, 95–96, Mar. 16, 2011 & Ex. 2

Steven T. Rhodes, R.E.H.S.

Page 1

UNITED STATES DISTRICT COURT

SOUTHERN DISTRICT OF NEW YORK

IN RE:

Methyl Tertiary Butyl : Master File No. 1:00-1898 : MDL 1358 (SAS) Ether ("MTBE")

Products Liability

Litigation

This Document Relates to:

City of Fresno v. Chevron U.S.A. Inc., et al., et al., Case no. 04 Civ. 04973 (SAS)

MARCH 29, 2011

Videotaped Deposition of STEVEN T. RHODES, R.E.H.S., Volume I, Fresno County Department of Public Health's 30(b)(6) Designee, held in the Law Offices of McCormick Barstow LLP, 5 River Park Place East, Fresno, beginning at 9:10 a.m., before Sandra Bunch VanderPol, FAPR, RPR, RMR, CRR, CSR #3032

> GOLKOW TECHNOLOGIES, INC. 877.370.3377 ph|917.591.5672 fax deps@golkow.com

Steven T. Rhodes, R.E.H.S.

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Page 22
                                                                                                           Page 24
      volume of cases that she had requested. I believe it
                                                            1
                                                                in age may still be in paper copy.
  2
      was starting in November, and I think we just
                                                            2
                                                                           What is the Fresno County's retention
  3
      finished, you know, part of - midway into last
                                                            3
                                                                policy regarding documents?
      month.
  4
                                                            4
                                                                      A. It depends on the program in our
  5
                If you look at the list of sites on
                                                            5
                                                                department. And for the records that we -- were
  6
      page 4 of the subpoena, did Ms. Hydrick request
                                                                requested in the subpoena, it's a permanent record.
  7
      documents for all of those sites?
                                                            7
                                                                It should not be destroyed.
  8
           A.
                All but one.
                                                            8
                                                                      And I have a copy of our policy, if that
  9
                                                            9
           Q.
                Which one is that?
                                                                would be helpful.
10
           A.
                3996 North Parkway Drive. X.
                                                           10
                                                                      MR. GRENARDO: It would. Let's mark that,
11
                And subsequently you produced those
                                                           11
                                                                for the record, as Exhibit 3.
12
     documents to the law firm of King & Spalding on
                                                                      THE WITNESS: And I brought six copies of
                                                           12
13
     Monday; is that right?
                                                           13
                                                                that.
14
               That is correct.
           A.
                                                           14
                                                                     MR. GRENARDO: Perfect.
15
           Q.
                Do you have copies of those here?
                                                           15
                                                                            (Exhibit No. 3 was marked.)
16
           A.
                No. I do not.
                                                           16
                                                                     MR. GRENARDO: And we had premarked as
17
           Q.
                Well, we will make sure - were any
                                                           17
                                                                Exhibit 2 the C.V. of Mr. Rhodes, which we will
18
     provided to Miller, Axline & Sawyer or Ms. Hydrick?
                                                           18
                                                                discuss later.
19
                                                           19
           Α.
                                                                            Exhibit No. 2 was marked.)
20
           0.
                We will make sure that they get that
                                                           20
                                                               BY MR. GRENARDO:
21
     immediately.
                                                           21
                                                                           Can you quickly point us to where in
22
           Other than those documents that were
                                                           22
                                                                this retention policy documents relating to -- or
23
     produced beginning in the time frame of November to
                                                           23
                                                                that may be responsive to the subpoena would fall
24
     recently, and the 3996 North Parkway documents, and
                                                                under?
     these documents that you've brought today, are there
                                                                          If you will look on page 3 of 4 -
                                                Page 23
                                                                                                          Page 25
     any other documents that you're aware of that are
                                                               and this is our policy and procedure No. 701 for
 2
     responsive to the document request in the subpoena?
                                                               Environmental Health System. And on page 3 of 4,
                                                            2
 3
               Not in our possession.
          A.
                                                            3
                                                               under the No. 14 "Underground Tanks," if you will
 4
          Q.
               You had mentioned that the main part
                                                            4
                                                               notice it's marked "Permanent."
 5
     of the documents for the Fresno County are
                                                           5
                                                                     Also, in regards to the other programs that
 6
     electronic. And then later you said that not
                                                            6
                                                               are hazardous materials programs, Item No. 6.
 7
     everything is electronic.
                                                           7
                                                               "Hazardous Materials Disclosure," it's marked
 8
          Can you explain what Fresno County has
                                                               "Permanent." No. 7 on the -- is hazardous waste
                                                           8
 9
     that's not electronically stored that is responsive?
                                                               sites: it's marked "Permanent."
10
               Our office began in mid-2003 of
                                                           10
                                                                     And at the time this policy was written,
    having the documents that we have on file scanned and
                                                          11
                                                               those were the three programs we had in our system.
    stored electronically in a system called FileNet.
                                                           12
                                                               And it appears we need to update our policy.
13 It's a proprietary system.
                                                          13
                                                                     But, however, the programs that we now
14
          And because of time constraints on clerical
                                                          14
                                                               administer under the CUPA program, which is the
15 staff and budget we lost in the last few years -
                                                          15
                                                               Certified Unified Program Agency, all of those we've
    we've gone from six staff in clerical positions down
                                                          16
                                                               continued to maintain as permanent records.
    to two -- and so we have not completed scanning all
                                                          17
                                                                    Q. If you go to No. 18 on page 4 of 4,
18 of our documents. So we had, I think it's like "A"
                                                          18
                                                               can you describe that, under "Water"?
19 to "E" completely in electronic format, and from "E"
                                                          19
                                                                          That particular group of records was
20 to "Z" we have files that still have some hard
                                                          20
                                                               designed for our administration of water systems and
21 copies.
                                                               for individual residences that have drilled water
22
          Anything from 2003 forward we scanned
                                                          22
                                                               wills. And that's - that was the intent there.
23 electronically, you know, as they came in, as opposed
                                                          23
                                                                    It was not an oversight program with regards
    to going in and getting into those other files. So
                                                          24
                                                               to groundwater contamination, other than to notify
    anything new had been scanned. Anything behind that
                                                               the agency that they had to do some corrective
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7 (Pages 22 to 25)

1 REPORTER'S CERTIFICATE 2 I, SANDRA BUNCH VANDER POL, Certified Shorthand No. 3032 for the State of California do 3 hereby certify: 4 That prior to being examined, the witness 5 named in the foregoing deposition was duly sworn to 6 testify to the truth, the whole truth, and nothing 7 but the truth. 8 That said deposition was taken down by me 9 stenographically at the time and place therein named, 10 and thereafter reduced by me into typewritten form, 11 and that the same is a true, correct and complete 12 transcript of said proceedings. 13 Before completion of the deposition, review of 14 the transcript was requested. Any changes made by 15 the deponent (and if provided to the reporter) during 16 the period allowed are appended hereto. 17 I further certify that I am not interested in 18 the outcome of the litigation. 19 witness my hand this 6th day of April, 2011. 20 21 Sandra Burnel VanderPol 22 SANDRA BUNCH VANDER POL 23

24

25

Certified Shorthand Reporter

Certificate No. 3032



DEPARTMENT OF HEALTH POLICIES AND PROCEDURES

Manual:	E	nvir	onmental Health System Policy and Procedure	IINo: 701
İ				
Subject	: R	equi	rements for Documents and Files	Effective Date:
		- <u>-</u>		1-1-92
POLICY:		The	Environmental Health System is required by la cords regarding its regulatory actions.	w to maintain
<u>PURPOSE</u> :		To inf	ensure that files are maintained properly and ormation will be available when needed.	that essential
<u>refere</u> nc	E <u>S</u> :	1 •	Department of Health Policy and Procedure Num Retention.	ber ADM 05.12 Records
		2.	Environmental Health System Policy and Procedof Public Records.	ure Number 401 Inspection
		3.	Environmental Health System Policy and Procede Complaint/Service Request Procedure.	ure Number 809
PROCEDURE	<u>:</u> :			
I. <u>CO</u>	NTENT	OF	FILES	
A	Rec	ords	which shall be kept in files include, but are	not limited to:
	1.	Ori	ginal inspection reports.	
	2	Сор	ies of correspondence.	
	3.	Lab	pratory test results.	
	4.	Pho	tographs and negatives, dated, and properly ide	ntified.
	5.	Any	other pertinent documents or information.	Exhibit
APPROVED	BY:		Sm/mon	Reviewed: 1-92 Revised:

Page 1 of 4

Subject:	Requirements	for Documents	and Files	IINo.	701
				- !!	

- Significant contacts shall be recorded indicating name of contacted person, date, and summary of contact, method of contact (telephone, in person), name of involved Environmental Health staff, and date of recording the information.
- 7. Copies of complaints.
- B. All records shall contain a complete date (day, month, and year), and if appropriate for the type of record, name of the Environmental Health staff involved.
- C. Unless preprinted as confidential, confidential information should be stamped "confidential" in red before it is filed or given to the clerical staff for filing. Confidential information in a file shall be segregated from nonconfidential information. (Refer to Environmental Health System Policy and Procedure 401 "Inspection of Public Records" for detailed description of confidential information.)
- D. Further information regarding documents and files is provided in Attachment 1.

II. RETENTION OF FILES

A. Environmental Health file records shall be retained as follows:

1. All complaints (not part Four years of a file)

2. Dairy Inspections Lesser of 10 or life of dairy + five

years

3. Disaster Worker Registration Up to five years after end of employment/registration.

4. Division of Real Estate Five years Notice

5. Food Lesser of 10 years or life of business + five years

6. Hazardous Materials Permanent Disclosure

APPROVED BY:	Sman	Revised: 11-17-92
	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	Page 2 of 4

7. Hazardous Waste	Downson
Sites	Permanent
8. Housing	
a. Demo/Rehab	Lesser of 10 years or life of building + five years
b. Owner/Occupied	Five years
c. Employee Housing	Seven years
d. Employee Housing Exemptions	Five years after exemption has expired
9. Land Use	Final Act + 10 Years
10. Milk	
a. Inspections	Two years
b. Lab Test Results	Five years
11. Pools (Municipal)	Life of structure + five years
12. Pools (non government)	Lesser of 10 years or life of pool + 5 years
13. Rabies (bites)	Four years
14. Underground Tanks	Permanent
15. Vector Control	Lesser of 10 years or life of building + five years
16. Waste, Liquid	Monthly pumping records: 3 years. Inspection: Lesser of 10 years or life of business + 5 years
17. Waste, Solid	Permanent

Page 3 of 4

Page 1

UNITED STATES DISTRICT COURT

SOUTHERN DISTRICT OF NEW YORK

:

IN RE:

Methyl Tertiary Butyl : Master File No. 1:00-1898 Ether ("MTBE")

Products Liability

Litigation

: MDL 1358 (SAS)

This Document Relates to:

City of Fresno v. Chevron U.S.A. Inc., et al., et al., Case no. 04 Civ. 04973 (SAS)

Wednesday, March 16, 2011

Videotaped Deposition of MARTIN R. McINTYRE, held in the Law Offices of McCormick Barstow LLP, 5 River Park Place East, Fresno, beginning at 9:06 a.m., before Sandra Bunch VanderPol, FAPR, RPR, RMR, CRR, CSR #3032

> GOLKOW TECHNOLOGIES, INC. 877.370.3377 ph|917.591.5672 fax deps@golkow.com

Page 38 Page 40 My recollection was that at some time believe that it occurred in a couple City of Fresno it was 13 and 3, but my memory could be monitoring wells. Q. We are going to look at some --3 Q. Do you remember which City of Fresno 3 4 monitoring wells those were? - may not serve me well. 4 A. 5 A. I do not. 5 I am sorry to cut you off. And this is all in the late '90s time 6 We are going to look at some documents. 6 7 Would it refresh your recollection that the detection frame when this began? 7 8 A. That's the best of my recollection, 8 reporting limit to the state was 3 parts per billion while you were at the City of Fresno? 9 Q as I sit here today. 10 A. Are you asking if I recall that? I 10 Q. Let me try and summarize. 11 do not, as I sit here today. 11 So as -- in the late '90s, 1990s, the City Q. Does that sound familiar? 12 12 of Fresno was aware of MTBE in its water system; is 13 A. The 3 parts sounds familiar. I 13 that right? 14 A. 14 just... That there was MTBE in the aquifer as 15 a consequence of those many leaky underground tanks. 15 And the City of Fresno had no policy regarding a certain level relating to MTBE that 16 And that's in the late 1990s, 16 17 determined what type of action the City would take at correct? 17 18 That's the best of my recollection. 18 any point? A. 19 MR. MILLER: You're asking about but I'm certain that water quality data would -- from the City of Fresno would identify exactly when that 20 MTBE-specific policies? 21 21 MR. GRENARDO: That's right. was. 22 THE WITNESS: I don't recall any -- any Q. Do you have any recollection 22 23 23 specific policy, just a growing concern about the regarding the underground storage tanks that you have mentioned? You said 350 or 400. 24 constituent. MR. MILLER: You want him to name them? 25 /// 25 Page 39 Page 41 BY MR. GRENARDO: BY MR. GRENARDO: 2 What was that growing concern? 2 Q. In general, do you recall where they Q. 3 A. In our - in the City's service area, 3 were? Were they in specific spots? there were some 350 to 400 identified leaky 4 Wow. 5 underground tanks, mostly fuel tanks. And we knew 5 MR. MILLER: Gee, where streets were? that MTBE was showing up in certain monitoring wells 6 THE WITNESS: Actually they were -7 7 and were concerned about its ultimate migration into MR. GRENARDO: Pull out the map, Duane. 8 the 300-plus high production wells that the City 8 THE WITNESS: I at one time had a map operated. 9 9 prepared that plotted the database maintained by the 10 O. What time frame are we talking about 10 Regional Water Quality Control Board. 11 here, Mr. McIntyre? 11 We plotted the location of leaky underground 12 To the best of my recollection, that 12 tanks, and they were pretty well dispersed over most 13 13 would have been late '90s to - even though I wasn't of the urban area, except for the newest areas where directly involved, I presume that concern continued tanks were new or less likely to leak. And many of up until my departure during the period of time when the later ones had special containment and monitoring 16 I was the Public Works Director - I'm sorry - the devices to identify leaks before they entered the 17 Public Utilities Director. 17 subsurface. Q. And that was up until 2005? 18 18 But, no, I don't - I don't have any 19 19 Correct. particular recollection about any specific leaky A. 20 Ο. And you said that you knew MTBE was 20 underground tanks. 21 showing up in certain monitoring wells. Which 21 BY MR. GRENARDO: 22 Q. And you don't recall any specific --22 monitoring wells? 23 I don't recall any in specific. But 23 I do – excuse me. I do – I do my recollection was that it had been identified in 24 remember -- I do remember a couple tanks, just certain private remedial investigation wells. And I because they were located in sensitive areas. One at

11 (Pages 38 to 41)

	Page 78		Page 80
1	that position, but he held it until 1994.	1	Public Utilities from 2000, 2005, correct?
2	Q. Did he leave the City after 1994?	2	A. Correct.
3	A. Yes, I believe he did.	3	Q. And did you deal with treatment of
4	Q. Do you know where he currently is?	4	constituents basically the whole time you were at the
5	A. $I - I$ don't. He's $- I$ do know that	5	City of Fresno?
6	he's retired. If he's I'm not even certain he's	6	A. Rather indirectly. As the director
7	still alive. He has a neuromuscular degenerative	7	of the department, I largely managed the personnel
8	disease.	8	management with a staff of 650 that involved five
9	Q. If you go to the first page of your	9	different operational divisions, one of which was the
10	C.V. under "Water System Manager," from 1994 to 2000,		water system.
11	who reported to you during that time? I mean, who	11	Q. Who made decisions at the City of
12	was directly below you?	12	Fresno while you were there regarding when to treat a
13	A. Doug Kirk; Garth Gaddy; I believe a	13	production well for a constituent?
14	gentleman named Stan Mayer, although I'm not certain	14	MR. MILLER: You want the names or you want
15	of his last name.	15	an understanding of the positions, or what? And you
16	Q. Who did you report to during that	16	haven't specified the capital amount, which could
17	time, 1994 to 2000, as the Water System Manager?	17	affect the answer.
18	A. I reported, I believe, for an initial	18	THE WITNESS: I would say generally it would
19	period of time to the Public Works Director and then	19	be most often or most centrally the Water System
20	to the Public Utilities Director.	20	Manager, but City Council would make the ultimate
21	Q. Who were they?	21	decision based on any contracts issued. Utilities
22	A. Dan Traffikan and Bill Hetland.	22	Director and City Manager had — and Budget Directors
23	Q. Was Dan Traffikan the Public Works	23	all had tangential involvement in that process.
24	Director?	24	BY MR. GRENARDO:
25	A. He was actually the Assistant Public	25	Q. And you were the water system manager
	Page 79		Page 81
1	Works Director.	1	from 1994 to 2000, correct?
2	Q. How long was he with the City of	2	A. Correct.
3	Fresno?	3	Q. So you said generally it would be
4	A. Over 25 years.	4	most often or most centrally the water system
5	Q. Do you know when he left?	5	manager. So that was you for a period of time?
6	A. I believe sometime between 1998 and	6	A. Yes. Would make that would make
7	2000.	7	the recommendation or advance the proposal for
8	Q. And you had mentioned another	8	appropriations and approval by the City Council.
9	individual before we get there, do you know where	9	Q. When you were the water system
10	he is currently, Dan Traffikan?	10	manager, what was part of your decision-making
11	A. I know he lives in Fresno.	11	process in terms of deciding whether or not to
12	Q. You mentioned another individual,	12	recommend treatment for a constituent?
13	Bill Hetland?	13	A. Well, there were
14	A. Hetland.	14	MR. MILLER: It's overbroad. Calls for a
15	Q. Hetland.	15	narrative. Insufficient facts on which to base a
16	What was his title?	16	hypothetical.
17	A. He was the Public Utilities Director.	17	Go ahead.
4 4 4	Q. How long was he with the City?	18	THE WITNESS: Off the off-the-cuff, I
18	A. The best of my recollection, three	19	would say there were several criteria. One would be
19	and the form	20	the immediate need for water supply, the other would
19 20	years, maybe four.	0.4	- no and over time hecame an increasingly important
19 20 21	Q. Do you know when he left?	21	be — and over time became an increasingly important
19 20 21 22	Q. Do you know when he left?A. I believe it would have been	22	criteria, that is, managing the migration of
19 20 21 22 23	Q. Do you know when he left? A. I believe it would have been somewhere around 1998.	22 23	criteria, that is, managing the migration of contaminants in the aquifer.
19 20 21 22	Q. Do you know when he left?A. I believe it would have been	22	criteria, that is, managing the migration of

21 (Pages 78 to 81)

	Page 94		Page 96
1	A. That's the case with this one, yes.	1	Q. Any reason to believe you didn't
2	Q. Does it have any other names that it	2	you didn't receive it?
3	goes by?	3	A. No.
4	A. Not to my immediate recollection.	4	Q. What is this document?
5	Q. If you go to the second page of this	5	A. It's a document from the Department
6	exhibit, Bates stamped ending -6098. Are you there	6	of Health Services alerting community water systems
7	A. I am.	7	to a requirement to start monitoring or sampling for,
8	O. At the bottom towards the bottom	8	analyzing for MTBE in areas considered vulnerable,
9	of the page, the last paragraph before the bullet, it	9	such as leaking underground storage tanks and
10		10	associated piping and, it appears, notifying the City
111	settlements of the City's DBCP lawsuit have been ke	•	to commence that monitoring.
12	to the successful pace of repairs that are currently	12	And it also notices an action — an Interim
13	underway."	13	Action Level of an unregulated compound of
14	Did I read that correctly?	14	35 micrograms per liter.
15	A. Yes.	15	Q. So this was before there was a
16	Q. And I'm asking you that for the sake	16	primary and secondary MCL, correct?
17	of the record, not to comment on my aptitude for	17	A. Yes.
18	reading.	18	Q. Do you know if the City of Fresno
19		19	started sampling at that point, as directed?
20	MR. MILLER: Well, I will feel free to do	20	• • • • • • • • • • • • • • • • • • • •
	all that for you.	21	
21	MR. GRENARDO: Thank you, Duane.	22	would presume so.
22	Q. That statement that I just read about	,	Q. Other than this document, do you have
23	the DBCP lawsuit is something that I alluded to we		any idea of when the City of Fresno may have started
24	alluded to earlier talking about the City of Fresno	24	sampling for MTBE?
25	could put in the CCRs issues relating to the water	25	A. I do not.
	Page 95	1	Page 97
1	system that it believes the consumer should know	1	THE REPORTER: Exhibit 5.
2	about, correct?	2	(Exhibit No. 5 was marked.)
3	A. Correct.	3	BY MR. GRENARDO:
4	Q. That aren't mandated to be in there	4	Q. We have marked as Exhibit 5 a "Water
5	because of the state, correct?	5	Quality Annual Report 1999," Bates stamped
6	A. Yes.	6	FRESNO-MTBE-006121 through -006128.
7	Q. Do you recall when the City of Fresno	7	Have you seen this document before?
8	started sampling for MTBE?	8	A. I don't recall it, but I'm sure I
9	A. I do not.	9	have.
10	Q. Does 1997 sound about right? I have	10	Q. What is it?
11	a document here, if you don't recall.	11	A. It is the Consumer Confidence Report
12	A. I don't recall.	12	for 1999 for the City of Fresno.
13	THE REPORTER: Exhibit 4.	13	Q. When you look at the constituents
14	(Exhibit No. 4 was marked.)	14	that are listed at page Bates stamped 006123 and
15	BY MR. GRENARDO:	15	-6124, are there any that stand out to you?
16	Q. I hand to the court reporter a	16	A. I am sorry. Could you be a little
17	document we marked as Exhibit 4, dated April 15th,	17	more specific in your question?
18	1997, Bates stamped FRESNO-MTBE-006075 through		Q. Sure.
19	-006076	19	When you look at the constituents on those
20	Have you seen this document before?	20	two pages, other than the constituents that we have
21	A. I would presume I have, since it has	21	already talked about, are there any others that were
22	my notations on it.	22	contaminants of concern to the City of Fresno at that
23	Q. Any reason to believe that you	23	time?
24	haven't seen it?	24	A. That's a long list of constituents,
25	A. No.	25	but I don't see any that jump out as constituents of

25 (Pages 94 to 97)

REPORTER'S CERTIFICATE 1 I, SANDRA BUNCH VANDER POL, Certified 2 Shorthand No. 3032 for the State of California do 3 hereby certify: 4 That prior to being examined, the witness 5 named in the foregoing deposition was duly sworn to 6 testify to the truth, the whole truth, and nothing 7 but the truth. 8 That said deposition was taken down by me 9 stenographically at the time and place therein named, 10 and thereafter reduced by me into typewritten form, 11 and that the same is a true, correct and complete 12 transcript of said proceedings. 13 Before completion of the deposition, review of 14 the transcript was requested. Any changes made by 15 the deponent (and if provided to the reporter) during 16 the period allowed are appended hereto. 17 I further certify that I am not interested in 18 the outcome of the litigation. 19 Witness my hand this 20th day of March, 20 2011. 21 Sandra Burnel VanderPol 22 SANDRA BUNCH VANDER POL 23 Certified Shorthand Reporter 24

Certificate No. 3032

25

MARTIN R. McINTYRE-CV

1761 E Ticonderoga Fresno California 559-593-3448 e mail: martin.m3653@sbcglobabi.net

GENERAL MANAGER, San Luis Water District (4/2006-Present)

Chief Executive for 66,000 acre California Water District

- Water service to urban and agricultural customers
- · Oversight of planning, engineering and water development
- Administration of 125,000 acre-foot Central Valley Project water contract
- Supplemental water acquisition
- Bay Delta activity oversight
- Represent District with US Bureau of Reclamation and Department of Water Resources in water transfers, project development and interagency activities

MARTIN MCINTYRE, Consulting (4/2005-Present)

Consulting support to Water Districts, Industry, Land Development

- Water supply planning and resource management
- Regulatory interface
- Project management

CITY OF FRESNO, Director, Department of Public Utilities (6/2000-2/2005)

Executive management of municipal utilities, including: Water, Wastewater, Solid Waste, Community Sanitation. \$126 million annual O&M budget, \$100 million Capital improvement program, 560 employees, service population 500,000.

- Developed comprehensive strategic utility service delivery plan
- Oversight of groundwater contaminant sites/remediation throughout City. Interface with Department of Health Services and Department of Toxics Substance Control
- Executive oversight of legal, environmental and legislative programs
- Oversight of large CIP program, including \$40 million Drinking Water Treatment Facility and \$60 million Wastewater Reclamation Facility expansion.

CITY OF FRESNO, Water System Manager (1994-2000)

Management of full service municipal water utility: service population 500,000, \$30 million annual O&M budget, \$10-20 million annual capital budget, 160 employees, 250 wells, 132 million galion per day potable water production and treatment.

- Planned, financed and implemented a \$40 million water quality remediation program to address extensive groundwater contamination.
- Developed positive relations with regulatory agencies, business, academic, political, environmental and agricultural interests.
- Developed and implemented plume management plans in collaboration with DTSC and DHS



<u>CITY OF FRESNO, Water Quality and Production Manager</u> (1988-1994) Management of Water Resources, Wellhead Treatment, Recharge, Conservation and Information Systems, 55 employees

- Project Manager for a five agency, 50 year, Metropolitan Water Resource Management Plan
- Developed comprehensive remedial programs and well head treatment designs to address groundwater contamination.
- Developed comprehensive public information program, including risk communication and media management

FRESNO COUNTY WATER WORKS DISTRICTS (1979-1988)

Operations Manager for six Special Service Districts including four potable water systems and three wastewater treatment systems. Responsibilities included water supply planning, operations, construction management, and CIP.

- Promoted and implemented first water conservation and metering programs
- Developed new water supply sources
- Developed and implemented corrosion control program
- Successful capital improvement grant and low interest loan programs
- Oversight of \$5 million Clean Water Grant master sewerage project.

EDUCATION

AA, Fresno City College- 1972

U. C. Berkeley- areas of study: psychology, anthropology, 1973 Continuing Education:

U. C. Davis Extension- areas of study: hydrology, chemistry, groundwater remediation. Numerous focused course work from various extension and vocational programs, areas of study: water treatment, business management practices, communications, public relations.

BOARD MEMBERSHIPS

- San Joaquin Valley Drainage Authority
- Central Valley Project Water Association
- State and Federal Contractor Water Agency
- San Luis Deita Mendota Water Authority

AFFILIATIONS

- Delta Habitat Conservation and Conveyance Program
- Association of California Water Agencies
- Water Education Foundation
- American Water Works Association
- City/ County Chamber Of Commerce

AWARDS

- Fresno Bee/Fresno Business Council, "Excellence in Public Service"
- Central California Building Industry Association, "Public Employee of the Year"
- American Public Works Association, "Leadership in Public Works"